| Rejected  Rejected  Claim  Date  Claim  Restricted  Claim  Restricted  Claim  Resultive  Claim  Resultive  Claim  Resultive  Claim  Resultive  Restricted  Claim  Resultive  Restricted |                                       |          |          |                |          |         |              |            |                     |              |  |              | 10/631,919<br>Examiner |                        |            |           |         |             |           |              |              |           |        |          | OL<br>rt I | -<br>-   |                  |          |          |          |             |           |          |          |
|---|---------------------------------------|----------|----------|----------------|----------|---------|--------------|------------|---------------------|--------------|--|--------------|------------------------|------------------------|------------|-----------|---------|-------------|-----------|--------------|--------------|-----------|--------|----------|------------|----------|------------------|----------|----------|----------|-------------|-----------|----------|----------|
|   |                                       |          |          |                |          |         |              |            |                     |              |  |              |                        |                        |            |           |         |             |           |              |              |           |        |          |            |          | Art Unit<br>2651 |          |          |          |             |           |          |          |
|   | i i                                   |          |          |                |          |         |              |            |                     |              |  |              |                        |                        | Fred Tzeng |           |         |             |           |              |              |           |        |          |            | 1        | ၀၁               | <u> </u> |          |          |             |           |          |          |
|   | √ Rejected — (Through numer Cancelled |          |          |                |          |         |              |            |                     |              |  |              | era<br>I               | al)                    |            |           | N       | Non-Elected |           |              |              | A         | Appeal |          |            |          |                  |          |          |          |             |           |          |          |
|   | =                                     |          |          |                | Allowed  |         |              |            |                     | + Restricted |  |              |                        |                        | i<br>      |           |         |             | 1         | Interference |              |           |        |          | 0          |          | Objected         |          |          |          |             |           |          |          |
|   |                                       |          |          |                |          | Da      | te           |            | ···                 |              |  | CI           | aim                    | 1                      |            |           |         | te          | _         |              |              |           |        | CI       | aim        | L        |                  | Date     |          |          |             |           | _        |          |
|   | Final                                 | Original | 10/10/05 |                |          |         |              |            |                     |              |  | Final        | Original               |                        |            |           |         |             |           |              |              |           |        | Final    | Original   |          |                  |          | i        |          |             |           |          |          |
|   |                                       |          | _        |                | $\perp$  | 士       | t            | İ          |                     | _            |  |              |                        |                        |            |           |         | 1           | $\pm$     |              | 1            |           | ŀ      |          | 101        |          |                  |          |          |          |             |           |          |          |
|   | 3                                     | 3        | =        | $\vdash$       | +        | +       | ╄            | ╀          | $\vdash$            |              |  |              | 52<br>53               | $\vdash \vdash$        | -          | +         | +       | $^{+}$      | +         | +            | +            | 4         |        |          | 102<br>103 | L        | -                | $\dashv$ | $\dashv$ |          | $\dashv$    | $\square$ | $\vdash$ |          |
|   | 4                                     | 4        | =        |                |          | +       |              |            |                     |              |  |              | 54                     |                        |            |           | 1       | 1           | $\perp$   | 1            |              |           | ŀ      |          | 104        |          |                  |          |          |          |             |           |          |          |
|   | 5<br>6                                | 5<br>6   | ,=<br>=  |                | _        | +-      | +            | +          | $\vdash$            |              |  |              | 55<br>56               | $\vdash$               | 4          | -         | $\perp$ | +           | 4         | +            | 4            | _         |        |          | 105<br>106 |          | Н                | _        | $\dashv$ |          | $\square$   |           |          | 4        |
|   | 7                                     | 7        | =        | $\dashv$       | $\dashv$ | +-      | t            | +          | H                   | -            |  |              | 57                     | $\vdash$               | $\dashv$   | -+        | +       | †           | +         | +            | +            | -         | -      |          | 107        | $\vdash$ | H                | ᅱ        | $\dashv$ | $\dashv$ |             | H         | $\dashv$ | $\dashv$ |
|   | 8                                     | 8        | =        |                | <b>—</b> |         | I            | $\perp$    |                     |              |  |              | 58                     | $\square$              |            | $\Box$    |         | 1           | 1         | $\perp$      |              |           |        |          | 108        |          |                  |          |          |          |             |           | 二        |          |
|   | 9                                     | 9        | =        |                | +        | +       | +            | +          | Н                   | -            |  |              | 59<br>60               | $\vdash$               | $\dashv$   | +         | +-      | +           | +         | +            | +            | $\dashv$  | -      |          | 109<br>110 | ļ.       | -                | 4        |          | -        | $\dashv$    | Н         |          | 4        |
|   | 12                                    | 11       | =        |                | $\top$   | +       | $\top$       | 1          |                     | T            |  |              | 61                     | H                      | +          | +         | +       | †           | +         | +            | +            | $\dashv$  | ŀ      |          | 111        |          | H                | $\neg$   | $\dashv$ | _        | $\dashv$    | $\vdash$  | $\dashv$ | $\dashv$ |
|   | 11                                    | 12       | =        |                | 1        | $\bot$  | T            | Ţ.         | П                   |              |  |              | 62                     |                        | $\Box$     |           |         | I           | 1         | 7            | $\Box$       |           |        |          | 112        |          |                  |          |          |          |             |           |          |          |
|   | 13<br>14                              | 13<br>14 | 11 11    | $\dashv$       | +        | +       | +            | +-         | ╀┦                  | _            |  |              | 63<br>64               | H                      | 4          | +         | +-      | +           | +         | +            | 4            | -         | -      |          | 113<br>114 | _        | Н                |          |          | 4        | <del></del> | Н         | $\dashv$ | 4        |
|   | 17                                    | 15       | =        | $\neg \dagger$ | +        | +       | $\dagger$    | +          | $\vdash$            | -            |  | <del> </del> | 65                     | $\vdash$               | $\dashv$   | +         | +       | +           | +         | +            | +            | -         | ŀ      |          | 115        | -        | H                | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$    | $\vdash$  | $\dashv$ | $\dashv$ |
|   | 19                                    | 16       | =        |                | $\perp$  | $\perp$ |              |            | П                   |              |  |              | 66                     | Ш                      |            |           |         | İ           | 工         | $\perp$      |              |           | Ì      |          | 116        |          |                  |          |          |          |             |           | 二        |          |
|   | 18<br>15                              | 17<br>18 | = =      | $\dashv$       | +        | +       | ╀            | +          | $\sqcup$            |              |  | <u> </u>     | 67<br>68               | ₩                      | $\dashv$   |           | +       | +           | +         | +            | +            | _         | -      |          | 117        | <u> </u> | $\vdash$         | 4        |          | -        | $\vdash$    | Ц         | $\dashv$ | 4        |
|   | 16                                    | 19       | =        | $\dashv$       | _        | +       | $\dagger$    | +-         | 1-1                 |              |  | <u> </u>     | 69                     | H                      | $\forall$  | $\dashv$  | +       | $\dagger$   | +         | +            | +            |           | ŀ      |          | 118<br>119 | -        | $\vdash$         | ┥        | $\dashv$ | $\dashv$ | $\dashv$    | $\vdash$  | $\dashv$ | $\dashv$ |
|   | 20                                    | 20       | Ξ        |                | $\Box$   | $\perp$ |              |            |                     |              |  |              | 70                     |                        |            |           |         | 1           | 1         |              | $\perp$      |           |        |          | 120        |          |                  |          |          |          |             |           | II       | _        |
|   |                                       | 21<br>22 | Н        | $\dashv$       | -+       | +-      | ╀            | +          | $\vdash$            |              |  | ļ            | 71<br>72               | $\vdash$               | $\dashv$   | -         | +       | +           | _         | 4            | +            | _         | -      |          | 121        | _        | Ш                | _        | _        | _        | $\Box$      | $\Box$    | $\dashv$ | _        |
|   |                                       | 23       | H        | $\dashv$       | $\dashv$ | +       | ╁            | +          | $\vdash$            | $\dashv$     |  | <del> </del> | 73                     | $\vdash$               | $\dashv$   | $\dashv$  | +       | $^{+}$      | +         | +            | ╁            | $\dashv$  | ⊪      |          | 122<br>123 |          | H                | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$    | $\dashv$  | $\dashv$ | -        |
|   |                                       | 24       |          |                |          |         |              |            |                     |              |  |              | 74                     |                        |            | 工         |         | İ           |           | Ì            |              |           | ıt     |          | 124        |          |                  |          |          |          | $\exists$   |           | $\top$   | -        |
|   |                                       | 25       |          | -              | _        | 1       | _            | <u> </u>   | $\vdash$            | 4            |  |              | 75                     | $\sqcup$               | 4          | _         | _       | 1           |           | _            | _            |           |        |          | 125        |          |                  | $\Box$   |          | $\Box$   | $\Box$      | $\Box$    | $\Box$   |          |
|   |                                       | 26<br>27 | $\dashv$ | $\dashv$       | +        | +-      | +            | +          | $\vdash$            | -            |  | _            | 76<br>77               | $\vdash$               | ┥          | $\dashv$  | - -     | +           | ┿         | +            | +            | -         | ⊪      |          | 126<br>127 |          | $\vdash$         | $\dashv$ | _        | $\dashv$ | $\dashv$    | $\dashv$  | +        | $\dashv$ |
|   |                                       | 28       |          |                |          |         |              |            |                     |              |  |              | 78                     |                        | 1          | $\exists$ | $\top$  | †           | $\dagger$ | $\top$       | +            | $\exists$ | ì      |          | 128        | _        | $\vdash$         | 7        | $\dashv$ |          | $\dashv$    | $\dashv$  | _        | $\dashv$ |
|   |                                       | 29       |          | $\perp$        | _        | 4       | ļ.,          | 1          | П                   |              |  |              | 79                     | Ц                      | $\Box$     |           | $\perp$ | Ţ           | Ţ         | 1            |              |           |        |          | 129        |          |                  |          |          |          | $\sqsupset$ | $\Box$    | 耳        | コ        |
|   |                                       | 30<br>31 | $\dashv$ | $\dashv$       | +        | +-      | ╁            | +-         | Н                   | _            |  |              | 80<br>81               | $\left  \cdot \right $ | $\dashv$   | -+        | -       | +           | +         | +            | +            | -         | ŀ      |          | 130<br>131 |          | $\dashv$         |          | $\dashv$ | _        | -           | -         | 4        | 4        |
|   |                                       | 32       |          |                |          |         |              |            |                     |              |  |              | 82                     |                        | $\forall$  | $\top$    | +       | $\dagger$   | $\dagger$ | $\dagger$    | +            | ۱.        | 計      |          | 132        |          | $\vdash$         |          | +        |          | $\dashv$    | $\dashv$  | $\dashv$ | $\dashv$ |
|   |                                       | 33       | _        | _              | _        | 4       | $oxed{\bot}$ | $\perp$    |                     |              |  |              | 83                     |                        | $\Box$     | $\perp$   | $\perp$ | Ţ           | $\perp$   | $\perp$      |              |           |        |          | 133        |          |                  |          |          |          | $\Box$      |           | 工        | ]        |
|   |                                       | 34<br>35 | $\dashv$ | $\dashv$       | +        | ╫       | ╁            | ╀          | H                   | $\dashv$     |  |              | 84<br>85               | 1-1                    | +          | +         |         | ╀           | +         | +            | +            | -         | -      |          | 134<br>135 |          |                  | -        | _        | -        |             | $\dashv$  | -        | 4        |
|   |                                       | 36       |          |                | $\perp$  | 十       | T            | 1          | H                   | ᅱ            |  |              | 86                     | $\vdash$               | $\dashv$   | 十         | +       | $\dagger$   | +         | ╅            | +            | $\dashv$  | ᆘ      |          | 136        |          | -                | 1        |          | $\dashv$ | $\dashv$    | $\dashv$  | 十        | ┥        |
| ,   |                                       | 37       | $\Box$   | $\dashv$       | $\Box$   | I       | $oxed{\Box}$ | oxdapsilon |                     | $\Box$       |  |              | 87                     |                        | $\Box$     | $\bot$    |         | 1           | $\perp$   | 1            | $\downarrow$ | $\exists$ | Ţ      |          | 137        |          |                  |          |          |          | 1           | $\Box$    | 工        | 1        |
|   |                                       | 38<br>39 | $\dashv$ | +              | +        | +       | ╀            | ╀          | $\vdash$            | $\dashv$     |  |              | 88<br>89               | $\vdash$               | $\dashv$   | $\dashv$  |         | +           | +         | +            |              | -         | ╠      |          | 138<br>139 |          | ert              |          | -        | 4        | 4           | 4         | $\dashv$ | 4        |
|   |                                       | 40       |          | $\exists$      | $\top$   | +-      | +            | $\dagger$  | H                   | ᅱ            |  |              | 90                     | $\vdash$               | $\dashv$   | +         | +       | +           | +         | +            | +            | $\dashv$  | ŀ      |          | 140        | $\vdash$ | $\vdash \vdash$  | $\dashv$ | _        | $\dashv$ | ᅱ           | $\dashv$  | +        | $\dashv$ |
|   |                                       | 41       |          | $\Box$         | $\bot$   | $\perp$ |              | Ι          | П                   | 口            |  |              | 91                     |                        |            | $\Box$    | I       | 1           |           | 1            | 1            |           | L      |          | 141        |          |                  |          |          |          | $\Box$      |           | 士        |          |
|   |                                       | 42<br>43 | $\dashv$ | +              | - -      | +       | $\vdash$     | +          | $\vdash \downarrow$ | $\dashv$     |  |              | 92<br>93               | $\vdash \vdash$        | -          | - -       | - -     | +           | 4         | 4            | - -          | 4         | Ļ      |          | 142        |          | $\prod$          | 1        | $\dashv$ | _[       | $\dashv$    | $\dashv$  | $\dashv$ | _        |
|   |                                       | 44       | $\dashv$ | $\dashv$       | $\dashv$ | +       | t            | +          | $\vdash$            | $\dashv$     |  |              | 94                     | -                      | $\dashv$   | +         | +       | ╁           | +         | +            | +            | -         | ⊪      |          | 143<br>144 |          | $\vdash$         | $\dashv$ | +        | $\dashv$ | $\dashv$    | $\dashv$  | -+       | $\dashv$ |
| Ì   |                                       | 45       |          |                |          | $\top$  | L            | I          |                     |              |  |              | 95                     |                        | 丁          |           | 上       | T           | I         |              |              |           | ľ      |          | 145        |          |                  |          |          | 士        | $\exists$   | $\exists$ | 士        |          |
|   |                                       | 46<br>47 | -        | $\dashv$       | _        | +-      | ⊬            | $\vdash$   | $\vdash \vdash$     | $\dashv$     |  |              | 96<br>97               | $\sqcup$               | 4          | $\perp$   |         | 1           | 1         | $\perp$      |              | _         | F      |          | 146        |          | $\Box$           | $\Box$   | $\Box$   | $\Box$   | コ           | $\Box$    | $\bot$   | 7        |
| ŀ   |                                       | 47       | $\dashv$ | $\dashv$       | +        | +       | ╁╌           | $\vdash$   | $\vdash$            | ᅱ            |  |              | 97                     | $\vdash$               | $\dashv$   | +         | +       | +           | +         | +            | +            | -         | ╟      | $\dashv$ | 147        | _        | $\dashv$         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$    | $\dashv$  | -        | -        |

99 100

Application/Control No.

Index of Claims

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Applicant(s)/Patent under Reexamination